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27 FEB 1980

MEMORANDUM FOR: [redacted]
Deputy Chief, Special Projects Staff

FROM: Bruce T. Johnson
Director of Data Processing

SUBJECT: SAFE and Ruffing Center Integration Concept

REFERENCE: Your memo, same subject, dtd 30 Jan 80
(SAF E038-80)

1. I have reviewed your draft concept paper on integrating SAFE and the Ruffing Center, and found it very close to what we need as a base point for future planning. I think that the two main points in your statement of the basic goal call for a third, closely related point, namely, that SAFE users should have access to other ODP services. You had referred to this need in your "Objectives" section, but I think it is important enough to be part of the goal. Your third sub-goal, having to do with minimal disruption when SAFE is implemented, seems less a goal than an objective, and rather self-evident. I have dropped it from my revision of your draft, but will not protest if it is revived as an objective.

2. The other changes I have suggested are largely editorial, but I have stopped short of your last section on "Issue Resolution", believing this to be a legitimate aspect of what you refer to as Section II (Integration Plan.) I have added one more issue, on NFAC's role, and another objective, "G", on the need to protect SAFE service from degradation when other users gain access. I moved your objective "H" to "B", combined your "D" and "E" into one paragraph ("E"), and, as I say, editorialized a bit. But the principal points you have made are, I believe, intact.

3. I will be away at a seminar for the next two weeks, but I have asked [redacted] to convene a meeting at which the final version of section I can be hammered out and plans made for our joint attack on the development of Section II.

/s/ Bruce T. Johnson

Bruce T. Johnson

Attachment:
Revised Draft.

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SAFE AND RUFFING CENTERS INTEGRATION CONCEPT-30 JANUARY 1980

SECTION I

INTRODUCTION

1.1 PURPOSE AND SCOPE - This document introduces the concept for incorporating the CIA SAFE System as an operational entity of the Office of Data Processing (ODP). Section I attempts to delineate the goals of the integration concept and identify objectives that should permit the goals to be attained. In addition, it attempts to identify issues that must be resolved that have resulted from the development of the integration concept, its goals and objectives. Section I does not address how the objectives should be attained. This subject will be addressed in Section II (Integration Plan) which will be developed after Section I has been coordinated and agreed to by the concerned principals of ODP.

1.2 GOAL - The goal is to incorporate the services provided by the CIA SAFE and Ruffing Computer Centers in a manner which ensures that:

- ° The SAFE System satisfies the documented functional and performance users' (NFAC and DIA) requirements;
- ° SAFE users have ready access to the other non-SAFE services provided by ODP;

- ° The SAFE capabilities become available to other (non-SAFE) users;

1.3 OBJECTIVES - The following objectives are delineated in an attempt to arrive at means to attain the stated goal:

- A. Consistent interfaces should be provided to permit users to: (1) select ODP services; (2) authenticate the user's identify; and (3) access the SAFE and Ruffing Computer Center's functional facilities.
- B. The SAFE services should be provided through a common user interface so the user can view them as services that are compatible with the other ADP services, such as: word processing, linkage to ETEC for finished production, generalized time-sharing, batch processing, modeling and simulation tools, generalized data base management support, etc.
- C. A standard facility should be provided to permit data transfers between the SAFE and Ruffing Computer Centers.
- D. Classified and unclassified computer output generated by the SAFE and Ruffing Computer Centers' systems should be delivered through common facilities and procedures.
- E. Operations staffing and systems engineering support (software and hardware) should be provided in ways which ensure that SAFE performance and growth requirements are met.

- F. A clearly defined division of support responsibilities between ODP and NFAC should be developed.
- G. Access to SAFE services by non-SAFE users must not be permitted to degrade service to SAFE subscribers.
- H. Plans should be developed that will allow common facilities to be phased into service to satisfy common user requirements.

1.4 ISSUES - The following issues were identified as a result of the delineation of the goal and objectives cited above:

- A. Should the SAFE capability be considered as an increased service for other users as soon as the SAFE System is introduced to SAFE users, or should SAFE be incorporated as a dedicated facility for NFAC with plans developed to subsequently replicate or extend these capabilities as an increased service for other users?
- B. How should organizational staffing plans be developed to satisfy the system programming, system engineering, data base management and administration, and computer operation support that will be required for the SAFE System and new capabilities brought about as a result of the SAFE System?
- C. What should NFAC support responsibilities be?